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Sequence Listing was accepted.

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Reviewer: Durreshwar Anjum

Timestamp: [year=2009; month=1; day=13; hr=11; min=41; sec=15; ms=594; ]

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Application No: 10509249 Version No: 5.0

**Input Set:****Output Set:**

**Started:** 2008-12-31 12:58:57.556  
**Finished:** 2008-12-31 12:59:04.142  
**Elapsed:** 0 hr(s) 0 min(s) 6 sec(s) 586 ms  
**Total Warnings:** 244  
**Total Errors:** 0  
**No. of SeqIDs Defined:** 244  
**Actual SeqID Count:** 244

Error code	Error Description
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W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
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W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)

**Input Set:**

**Output Set:**

**Started:** 2008-12-31 12:58:57.556  
**Finished:** 2008-12-31 12:59:04.142  
**Elapsed:** 0 hr(s) 0 min(s) 6 sec(s) 586 ms  
**Total Warnings:** 244  
**Total Errors:** 0  
**No. of SeqIDs Defined:** 244  
**Actual SeqID Count:** 244

Error code

Error Description

This error has occurred more than 20 times, will not be displayed

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<120> Antibodies presented protein hollow nano-particles for therapeutic drug and protein hollow nano-particles

<130> P023P03

<140> 10509249

<141> 2004-09-28

<150> PCT/JP2003/003694

<151> 2003-03-26

<150> JP 2002-097424

<151> 2002-03-29

<150> JP 2003-045088

<151> 2003-02-21

<160> 244

<170> PatentIn Ver. 2.1

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<212> DNA

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<223> Description of Artificial Sequence:Artificially synthesized sequence

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Artificially synthesized sequence

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<211> 36

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Artificially  
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<210> 4

<211> 36

<212> DNA

<213> Artificial Sequence

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<211> 33

<212> DNA

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<210> 7

<211> 29

<212> DNA

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<213> Artificial Sequence

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<210> 17  
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 <223> Description of Artificial Sequence:Artificially  
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<210> 19  
 <211> 31  
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30

<210> 26

<211> 30

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Artificially  
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<210> 27

<211> 10

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Artificially  
synthesized sequence

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1

5

10

<210> 28

<211> 8

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Artificially  
synthesized sequence

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Trp Ser His Pro Gln Phe Glu Lys

1

5

<210> 29

<211> 116

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Artificially  
synthesized sequence

<400> 29

Val Asp Asn Lys Phe Asn Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile  
1 5 10 15

Leu His Leu Pro Asn Leu Asn Glu Glu Gln Arg Asn Ala Phe Ile Gln  
20 25 30

Ser Leu Lys Asp Asp Pro Ser Gln Ser Ala Asn Leu Leu Ala Glu Ala  
35 40 45

Lys Lys Leu Asn Asp Ala Gln Ala Pro Lys Val Asp Asn Lys Phe Asn  
50 55 60

Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu His Leu Pro Asn Leu  
65 70 75 80

Asn Glu Glu Gln Arg Asn Ala Phe Ile Gln Ser Leu Lys Asp Asp Pro  
85 90 95

Ser Gln Ser Ala Asn Leu Leu Ala Glu Ala Lys Lys Leu Asn Asp Ala  
100 105 110

Gln Ala Pro Lys  
115

<210> 30

<211> 1134

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Artificially  
synthesized sequence

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gcgttctatg agatcttaca tttacctaac ttaaaccgaag aacaacgaaa cgccttcac 180  
caaagtttaa aagatgaccc aagccaaagc gctaaccctt tagcagaagc taaaaagcta 240  
aatgatgctc aggcgcgcaa agtagacaac aaattcaaca aagaacaaca aaacgcgttc 300  
tatgagatct tacatttacc taacttaaac gaagaacaac gaaacgcctt catccaaagt 360  
ttaaagatg acccaagcca aagcgctaac ctttttagcag aagctaaaaa gctaaatgat 420  
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ctaggacccc tgctcgtgtt acaggcgggg tttttcttgt tgacaagaat cctcacaata 540  
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ctatgcctca tcttcttggt ggttctcttg gactaccaag gtatgttgcc cgtttgcct 780  
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caaggaacct ctatgtttcc ctcttggtgc tgtacaaaac cttcggacgg aaactgcact 900  
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 <223> Description of Artificial Sequence:Artificially  
       synthesized sequence  
  
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 His Gln Leu Asp Gly Gly Arg Ala Gln His Asp Glu Ala Val Asp Asn  
           20                  25                  30  
  
 Lys Phe Asn Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu His Leu  
       35                  40                  45  
  
 Pro Asn Leu Asn Glu Glu Gln Arg Asn Ala Phe Ile Gln Ser Leu Lys  
       50                  55                  60  
  
 Asp Asp Pro Ser Gln Ser Ala Asn Leu Leu Ala Glu Ala Lys Lys Leu  
       65                  70                  75                  80  
  
 Asn Asp Ala Gln Ala Pro Lys Val Asp Asn Lys Phe Asn Lys Glu Gln  
           85                  90                  95  
  
 Gln Asn Ala Phe Tyr Glu Ile Leu His Leu Pro Asn Leu Asn Glu Glu  
           100                  105                  110  
  
 Gln Arg Asn Ala Phe Ile Gln Ser Leu Lys Asp Asp Pro Ser Gln Ser  
       115                  120                  125  
  
 Ala Asn Leu Leu Ala Glu Ala Lys Lys Leu Asn Asp Ala Gln Ala Pro  
       130                  135                  140  
  
 Lys Ala Ala Ala Pro Ala Pro Asn Met Glu Asn Thr Thr Ser Gly Phe  
       145                  150                  155                  160  
  
 Leu Gly Pro Leu Leu Val Leu Gln Ala Gly Phe Phe Leu Leu Thr Arg  
           165                  170                  175  
  
 Ile Leu Thr Ile Pro Gln Ser Leu Asp Ser Trp Trp Thr Ser Leu Asn  
           180                  185                  190  
  
 Phe Leu Gly Gly Ala Pro Thr Cys Pro Gly Gln Asn Ser Gln Ser Pro  
       195                  200                  205  
  
 Thr Ser Asn His Ser Pro Thr Ser Cys Pro Pro Ile Cys Pro Gly Tyr  
       210                  215                  220  
  
 Arg Trp Met Cys Leu Arg Arg Phe Ile Ile Phe Leu Phe Ile Leu Leu  
       225                  230                  235                  240  
  
 Leu Cys Leu Ile Phe Leu Leu Val Leu Leu Asp Tyr Gln Gly Met Leu

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Pro Val Cys Pro Leu Leu Pro Gly Thr Ser Thr Thr Ser Thr Gly Pro		
260	265	270
Cys Lys Thr Cys Thr Ile Pro Ala Gln Gly Thr Ser Met Phe Pro Ser		
275	280	285
Cys Cys Cys Thr Lys Pro Ser Asp Gly Asn Cys Thr Cys Ile Pro Ile		
290	295	300
Pro Ser Ser Trp Ala Phe Ala Arg Phe Leu Trp Glu Trp Ala Ser Val		
305	310	315
Arg Phe Ser Trp Leu Ser Leu Leu Val Pro Phe Val Gln Trp Phe Val		
325	330	335
Gly Leu Ser Pro Thr Val Trp Leu Ser Val Ile Trp Met Met Trp Tyr		
340	345	350
Trp Gly Pro Ser Leu Tyr Asn Ile Leu Ser Pro Phe Leu Pro Leu Leu		
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Pro Ile Phe Phe Cys Leu Trp Val Tyr Ile		
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<210> 32

<211> 1134

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Artificially  
synthesized sequence

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gcgttctatg agatcttaca tttaacctaac ttaaaccgaag aacaacgaaa cgccttcac 180
caaagtttaa aagatgaccc aagccaaagc gctaaccttt tagcagaagc taaaaagcta 240
aatgatgctc aggcgcgcaa agtagacaac aaattcaaca aagaacaaca aaacgcgttc 300
tatgagatct tacatttacc taacttaaac gaagaacaac gaaacgcctt catccaaagt 360
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<210> 33

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<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Artificially  
synthesized sequence

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Met Gly Thr Asn Leu Ser Val Pro Asn Pro Leu Gly Phe Phe Pro Asp  
1 5 10 15

His Gln Leu Asp Gly Gly Arg Ala Gln His Asp Glu Ala Val Asp Asn  
20 25 30

Lys Phe Asn Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu His Leu  
35 40 45

Pro Asn Leu Asn Glu Glu Gln Arg Asn Ala Phe Ile Gln Ser Leu Lys  
50 55 60

Asp Asp Pro Ser Gln Ser Ala Asn Leu Leu Ala Glu Ala Lys Lys Leu  
65 70 75 80

Asn Asp Ala Gln Ala Pro Lys Val Asp Asn Lys Phe Asn Lys Glu Gln  
85 90 95

Gln Asn Ala Phe Tyr Glu Ile Leu His Leu Pro Asn Leu Asn Glu Glu  
100 105 110

Gln Arg Asn Ala Phe Ile Gln Ser Leu Lys Asp Asp Pro Ser Gln Ser  
115 120 125

Ala Asn Leu Leu Ala Glu Ala Lys Lys Leu Asn Asp Ala Gln Ala Pro  
130 135 140

Lys Ala Ala Ala Pro Ala Pro Asn Met Glu Asn Thr Thr Ser Gly Phe  
145 150 155 160

Leu Gly Pro Leu Leu Val Leu Gln Ala Gly Phe Phe Leu Leu Thr Arg  
165 170 175

Ile Leu Thr Ile Pro Gln Ser Leu Asp Ser Trp Trp Thr Ser Leu Asn  
180 185 190

Phe Leu Gly Gly Ala Pro Thr Cys Pro Gly Gln Asn Ser Gln Ser Pro  
195 200 205

Thr Ser Asn His Ser Pro Thr Ser Cys Pro Pro Ile Cys Pro Gly Tyr  
210 215 220

Arg Trp Met Cys Leu Arg Arg Phe Ile Ile Phe Leu Phe Ile Leu Leu  
225 230 235 240

Leu Cys Leu Ile Phe Leu Leu Val Leu Leu Asp Tyr Gln Gly Met Leu

245	250	255
Pro Val Cys Pro Leu Leu Pro Gly Thr Ser Thr Thr Ser Thr Gly Pro		
260	265	270
Cys Lys Thr Cys Thr Ile Pro Ala Arg Gly Thr Ser Met Phe Pro Ser		
275	280	285
Cys Cys Cys Thr Lys Pro Ser Asp Gly Asn Cys Thr Cys Ile Pro Ile		
290	295	300
Pro Ser Ser Trp Ala Phe Ala Arg Phe Leu Trp Glu Trp Ala Ser Val		
305	310	315
Arg Phe Ser Trp Leu Ser Leu Leu Val Pro Phe Val Gln Trp Phe Val		
325	330	335
Gly Leu Ser Pro Thr Val Trp Leu Ser Val Ile Trp Met Met Trp Tyr		
340	345	350
Trp Gly Pro Ser Leu Tyr Asn Ile Leu Ser Pro Phe Leu Pro Leu Leu		
355	360	365
Pro Ile Ph		